

AMENDMENTS TO THE SPECIFICATION

Please replace the first full paragraph on page 15 of the Specification with the following amended paragraph:

-- Table 1 illustrates the effect of increasing fluorescence intensity by using a filmmaking polymer, which reduces the ability of cationic dyes to form non-fluorescent dimers and other dye associates. The table, as well as all the tables given below, utilizes the following designations:

D₁- optical density of the monomer form in a maxima of absorption;

D₂- optical density of associated forms in a maxima of absorption;

D₁/D₂- the ratio, describing the ability of the dyes to form associates;

1/2 -half-width of the absorption band on the 0.7 D₁ level, describing heterogeneity of the absorption band due to the formation of associates and by-products of the specific reaction between the dyes and the medium;

[[λ_{\max}]] λ_{fluor} - maximum of fluorescence;

I_f - intensity of fluorescence in relative figures.--